AMENDMENTS TO THE SPECIFICATION

Page 1, after the title, insert the following heading and paragraph:

CROSS REFERENCE TO RELATED APPLICATIONS

This application is a continuation of International Application No. PCT/EP02/09562 filed August 27, 2002, the disclosures of which are incorporated herein by reference, and which claimed priority to German Patent Application No. 101 42 644.5 filed August 31, 2001, the disclosures of which are incorporated herein by reference.

Page 1, Line 2, insert the heading:

BACKGROUND OF THE INVENTION

Replace the paragraph beginning on Page 1, Line 13, with the following new paragraph:

Such a disc brake is known from WO88/04741, and corresponding U.S. patent number 4,793,447, both of which are incorporated by reference herein. The forces arising in said disc brake during a braking operation may be subdivided into a clamping force (also known as axial force, transverse force or normal force) and a peripheral force (also known as frictional force). The component of force introduced by a brake shoe into the brake disc at right angles to the plane of the brake disc is described as clamping force. By peripheral force, on the other hand, is meant the component of force, which on account of the brake friction between a friction lining of the brake shoe and the brake disc acts in peripheral direction of the brake disc upon the brake shoe. By multiplying the peripheral force by the distance of the application point of the peripheral force from the axis of rotation of the wheels, the braking torque may be determined.

Page 2, Line 18, insert the heading:

SUMMARY OF THE INVENTION

Page 5, Line 25, insert the following paragraph:

Other advantages of this invention will become apparent to those skilled in the art from the following detailed description of the preferred embodiment, when read in light of the accompanying drawings.

Page 5, delete the paragraph in Lines 26 - 28.

Page 5, Line 29, insert the heading:

BRIEF DESCRIPTION OF THE DRAWINGS

Page 6, Line 11, insert the heading:

DETAILED DESCRIPTION OF THE INVENTION

Replace the paragraph beginning on Page 6, Line 12, with the following new paragraph:

Fig. 1 shows an embodiment of a floating-caliper disc brake 10 according to the invention having a floating caliper 14, which is displaceable relative to a brake anchor plate 12. The disc brake 10 comprises two brake ~~dises~~ shoes 16, 18, which are pressable against both sides of a brake disc 20. Each of the two brake shoes 16, 18 has a carrier plate 22, 24 and a friction lining 26, 28 disposed on the carrier plate 22, 24. By means of the friction lining 26, 28 each of the two brake shoes 16, 18 interacts with the brake disc 20. During the interaction of the brake shoes 16, 18 with the brake disc 20 a clamping force acting along the arrows B, B' is generated.

Replace the paragraph beginning on Page 8, Line 29, with the following new paragraph:

If, starting from the inoperative position of the disc brake 10 illustrated in Fig. 1, the electric motor 30 is set in operation to generate a clamping force, the step-down ~~thread~~ gearing 40 transmits a rotational motion of the motor shaft 34 to the spindle unit 44, 46. The direction of rotation of the spindle unit 44, 46 is selected in such a way that the nut 50 interacting with the spindle unit 44, 46 is moved in Fig. 1 to the right. In said case, the end face 70 of the nut 50 facing the brake shoes 16, 18 moves into abutment with the surface of the carrier plate 24 of the brake shoe 18 remote from the friction lining 28. The brake shoe 18 is then grasped by the translational motion of the nut 50 and pressed in the direction of the arrow B' against the brake disc 20. Because of the structural design of the disc brake 10 as a floating caliper disc brake, as a result of the pressing of the brake shoe 18 against the brake disc 20 the opposite brake shoe 16 is also pressed in the direction of the arrow B against the brake disc 20. In said manner, the clamping force acting in the direction of the arrows B, B' is generated.

Page 12, after Line 30, insert the following paragraph:

In accordance with the provisions of the patent statutes, the principle and mode of operation of this invention have been explained and illustrated in its preferred embodiments. However, it must be understood that this invention may be practiced otherwise than as specifically explained and illustrated without departing from its spirit or scope.

Page 13, Line 2, insert the following introductory phrase:

What is claimed is:

Page 16, Line 1, delete the heading Abstract *and insert the heading:*

ABSTRACT OF THE DISCLOSURE

Page 16, Line 3, delete the heading:

Disc brake

Page 16, Line 19, delete (Fig. 1).

Page 16, Line 21, delete 6022.